

Sep 05 03 10:22a Charles Hoffman

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Sent by: CAHILL vonHELLENS and GLAZER PLLC6029564298;

09/05/03 10:24AM; JettFax #763; Page 1

PTO/SB/05 (08-03)
Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No. TI-35384
	First Inventor David R. Baum
	Title Interdigitated Layout...
	Express Mail Label No. EV 322410076 US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. ☒ **Fee Transmittal Form** (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ **Applicant claims small entity status.**
See 37 CFR 1.27.

3. ☒ **Specification** [Total Pages 35]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ **Drawing(s)** (35 U.S.C. 113) [Total Sheets 5]

5. **Oath or Declaration** [Total Sheets 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application. see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ **Application Data Sheet.** See 37 CFR 1.76

7. ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**

8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, all necessary)
a. ☐ **Computer Readable Form (CRF)**
b. **Specification Sequence Listing on:**
i. ☐ **CD-ROM or CD-R (2 copies); or**
ii. ☐ **Paper**
c. ☐ **Statements verifying identity of above copies**

ACCOMPANYING APPLICATION PARTS

9. ☒ **Assignment Papers** (cover sheet & document(s))

10. ☐ **37 CFR 3.73(b) Statement** ☐ **Power of Attorney**
(when there is an assignee)

11. ☐ **English Translation Document** (if applicable)

12. ☒ **Information Disclosure Statement (IDS)/PTO-1449** ☒ **Copies of IDS Citations**

13. ☐ **Preliminary Amendment**

14. ☒ **Return Receipt Postcard (MPEP 503)**
(Should be specifically itemized)

15. ☐ **Certified Copy of Priority Document(s)**
(if foreign priority is claimed)

16. ☐ **Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).** Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ **Other: Assoc. Power of Attorney.....**
Certificate of Mailing.....

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation

☐ Divisional

☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information: Examiner: Art Unit:
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ **Customer Number:** 23494

☐ **Correspondence address below**

Name	
Address	
City	
State	
Country	
Telephone	
Fax	

Name (Print/Type) Charles R. Hoffman	Registration No. (Attorney/Agent) 26,556
Signature <i>Charles R. Hoffman</i>	Date Sept. 5, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require in completing this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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22264 U.S. PTO
10/656451

Sep 05 '03 10:23a

Charles Hoffman

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09/05/03 10:25AM; JetFax #763; Page 2/3

PTO/SB/17 (08-03)

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,204.00**Complete If Known**

Application Number	
Filing Date	
First Named Inventor	David R. Baum
Examiner Name	
Art Unit	
Attorney Docket No.	TI-35384

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	20-0668
Deposit Account Name	Texas Instruments

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	29	-20** =	9	x 18	= 162
Independent Claims	6	-3** =	3	x 84	= 252
Multiple Dependent				0	= 0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 414

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity / Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,460	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2601	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	830	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40**SUBMITTED BY**

Name (Print/Type) Charles R. Hoffman

Registration No. 26,556

(Complete if applicable)

Telephone 602-956-7000

Signature

Charles R. Hoffman

Date

Sept. 5, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Docket No. TI-35384 (0437-A-286)

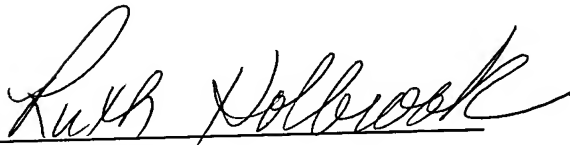
CERTIFICATE OF MAILING

Express Mail Mailing Label No. EV 322410076 US

Date of Deposit: September 5, 2003

I hereby certify that this paper and fee are being deposited postage prepaid with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Commissioner for Patents
MAIL STOP PATENT APPLICATION
P. O. Box 1450
Alexandria, Virginia 22313-1450

A handwritten signature in cursive script, appearing to read "Ruth Holbrook", written over a horizontal line.

Ruth Holbrook